CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.

21st February 2015

Dear Sir,

Sub: Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division.
Testing of cubes – Reg.

As requested the 7th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS
3, 1st Cross, Sowbaga Colony, Mission Road, Bangalore - 560 027
Ph: 080 - 2334 2967, Email: contact.ctls@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division.
Name of Agency	M/s. Sathya Constructions
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work (Pavement)	14/02/2015	21/02/2015	7	8.16	325	**14.44**	**14.44**
2					8.15	320	**14.22**	
3					8.17	330	**14.67**	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

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T-2654

To,

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.

07th February 2015

Dear Sir,

Sub: Testing of Materials.

As requested, tests on physical properties were carried out for the materials supplied by you, for the work of **'Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division'.**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

(AEE)

(A.E)

CIVIL TECH LABS
5, 1st Cross, Sriniwas Colony, Mission Road, Bangalore - 560 027
Ph: 080 - 4111 2867, Email: civiltechlabs@gmail.com

TEST REPORT

TEST ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division.
Name of the Agency	M/s. Sathya Constructions
Date of Testing	06/02/2015
Specific Gravity	2.67
Water Absorption in %	0.28

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
80	100	100	Satisfies the requirement
40	99.3	95-100	
20	57.9	30-70	
10	25.2	10-35	
4.75	3.8	0-5	

Note:

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4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

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TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division.
Name of the Agency	M/s. Sathya Constructions
Date of Testing	06/02/2015

Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112:1989	Remarks
	IS Code	Method	Value	Unit		
Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	51	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	IS-4031 (Part-5) 1988	VICAT	489	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	4	mm	Not More Than 10 mm	Satisfies Requirement

Note:

1.The results relate only to the items tested.

2.Report shall not be reproduced except in full, without the written approval of the lab.

3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

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TEST REPORT

TEST ON FINE AGGREGATES Ref:IS:383/2386

Name & Address of the Customer	AEE, Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Construction of Concrete roads in main and cross roads in 3rd Phase in Ward No.04 of Yelahanka Satellite Town Sub Division
Name of the Agency	M/s. Sathya Constructions
Date of Testing	06/02/2015
Specific Gravity	**2.56**

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970				Grading Zone
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
River Sand	10	**100**	100	100	100	100	II
	4.75	**98.1**	90-100	90-100	90-100	95-100	
	2.36	**86.3**	60-95	75-100	85-100	95-100	
	1.18	**77.8**	30-70	55-90	75-100	90-100	
	0.6	**46.2**	15-34	35-59	60-79	80-100	
	0.3	**23.8**	5-20	8-30	12-40	15-50	
	0.15	**8.1**	0-10	0-10	0-10	0-15	

Note:

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4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
Civil Tech labs

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